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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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SECRET

COUNTRY	East Germany	REPORT	
SUBJECT	Orders for Tungsten and Molybdenum Wire placed by VEB Werk for Fernmeldewesen HF, Berlin-Oberschoeneweide	DATE DISTR.	23 May 1955
		NO. OF PAGES	2
DATE OF INFO.		REQUIREMENT	25X1
PLACE ACQUIRED		REFERENCES	
DATE ACQUIRED		This is UNEVALUATED Information	

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

1. VEB Werk fuer Fernmeldewesen HF has ordered the following types of tungsten and molybdenum wire from VEB Berliner Gluehlampenwerk for delivery in the first and second quarters of 1955 as indicated.

   a. First Quarter, 1955

      1) Tungsten - NS - wire, 475,000 meters and 21.5 kilograms
      Value: 66,422.00 DME
      (NS - normal wire. Wires in sizes of 0.24 mm. and larger are ordered and delivered by the kilogram; wires in sizes of 0.23 mm. and smaller are ordered and delivered by the meter)

      2) Tungsten - KD - wire, 5,000 meters and 425.0 kilograms
      Value: 196,702.00 DME
      (KD - sintered, special wire.)

      3) Molybdenum wire for electronic tube screens, 2,000,000 meters and 7.5 kilograms
      Value: 80,235.00 DME

      4) Molybdenum "Aufbau" wire, 6.5 kilograms,
      Value: 1,657.00 DME
      ("Aufbau" wire is used for building up and holding up metal parts inside tubes such as props and braces for screens, anodes)

      5) Molybdenum round rods (Rund-Staebe), 167.5 kilograms
      Value: 29,108.00 DME

      6) Molybdenum core wires (Kerndraht), 80,000 meters and 12.0 kilograms,
      Value: 16,382 DME
      (Screens are woven around core wires. After the screen is finished, the core wire is removed chemically, resulting in a total loss of the core wire.

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STATE	#x	ARMY	#x	NAVY	x	AIR	#x	FBI		AEC		

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(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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b. Second Quarter, 1955

1) Tungsten - NS - wire, 400,000 meters and 11.0 kilograms;
Value: 39,468.00 DME

2) Tungsten - KD - wire , 211.0 kilograms;
Value: 96,798 DME

3) Molybdenum screen wire, 2,355,000 meters and 6.7 kilograms;
Value: 90,175.00 DME

4) Molybdenum "Aufbau" wire and round rods, 191.0 kilograms;
Value: 34,317.00 DME

5) Molybdenum core wire, 83,000 meters and 12.0 kilograms;
Value: 14,600.00 DME

2. The probable requirements for the third and fourth quarters,1955, will be:

a. Tungsten - NS - wire
III/55 2,050,000 meters, 15.0 kilograms;
Value: 87,940.00 DME

IV/55 1,982,000 meters, 13.0 kilograms;
Value: 79,523.00 DME

b. Tungsten - KD - wire, III/55 4,000 meters, 315.0 kilograms;
Value: 145,000.00 DME

IV/55 4,000 meters, 250.0 kilograms;
Value: 115,000.00 DME

c. Molybdenum screen wire, III/55 2,220,000 meters, 18.5 kilograms;
Value: 87,940.00 DME

IV/55 2,086,000 meters 13.0 kilograms;
Value: 79,525.00 DME

d. Molybdenum "Aufbau" wire and round rods, III/55 500 meters, 167.0 kilograms;
Value: 31,800.00 DME

IV/55 83.0 kilograms;
Value: 16,400.00 DME

e. Molybdenum core wire, III/55 102,000 meters, 2.0 kilograms;
Value: 12,060.00 DME

IV/55 92,000 meters, 7.0 kilograms;
Value: 13,340.00 DME

3. For 1955, VEB Werk fuer Fernmeldewesen has ordered 40,000 DME worth of thorium-tungsten wire, 3,700 meters of Wo-G12 and 75.0 kilograms of Wo-G18[1].

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[redacted] Comment. G12 and G18 identify the amount of thorium in the wire. The G12 contains either 0.12% or 1.2%, the G18 contains either 0.18% or 1.8%. The lower figures seem more reasonable, however.

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[redacted]

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